

HIGH TEMPERATURE GAS SEALS

Abstract

A flexible seal for use in a solid oxide fuel cell stack is formed from a fibre matrix with a plurality of solid particles through tape casting method. The fibres and particles are preferably ceramic and may be formed from alumina or zirconia. The seal may be formed by forming a slurry of fibres, particles, a binder and a non-aqueous solvent, tape casting the slurry, drying the tape seal, die-cutting, prior to installation in the fuel cell stack.